See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 41-R-000 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

All redactions on this page are pursuant to (b)(6) & (b)(7)(c)

(TYPE OR PRINT)

41-R-0001, Cust ld 762

VIROMED LABORATORIES, INC. 2540 EXECUTIVE DRIVE MINNEAPOLIS, MN 55120

additional

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, texture, sheets if necessary)

FACILITY LOCATIONS (Sites)

St. Paul Virolled, 2540 Executive. Dr VA HOSPITAL - One Veterans Dr.

REPORT OF ANIMALS USED BY C	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					ļ
5. Cats					
6. Guinea Pigs		3440			3440
7. Hamsters					ļ
8. Rabbits		481	89		570
9. Non-human Primates					
10. Sheep					ļ
11. Pigs					<u> </u>
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS	<u> </u>			<u> </u>	<u> </u>

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

HEADQUARTE	SRESEARCH	FACILITY O	FFICIAL
fficer or Legally	Responsible In:	stitutional Of	ficial)
above is true, correct, a	and complete (7 U.S.	C Section 2143)	

See reverse side for additional information. Interagency Report Contye 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

41-R-0002, Cust ld 771

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

All redactions on this page are pursuant to (b)(6) & (b)(7)(c)

OPTICAL SENSORS, INC. 7615 GOLDEN TRIANGLE DRIVE MINNEAPOLIS, MN 55344

.tach additional

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing sheets if necessary.)

FACILITY LOCATIONS (Sites)

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMAL! (Cols. C + D + E)
4. Dogs	Ø				Ø
5. Cats	Ø				Ø
6. Guinea Pigs	Ø				Ø
7. Hamsters	Ø				Ø
8. Rabbits	Ø	Ø	Ø	Ø	Ø
9. Non-human Primates	Ø	,			Ø
10. Sheep	Ø				0
11. Pigs	Ø				8
12. Other Farm Animals	Ø				Ø
13. Other Animals	Ø				Ø

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 41-R-0003

CUSTOMER NUMBER: 559

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Health Partners Research Foundation
640 Jackson Street Go Regions Hospital Room #2539

St Paul, MN 55101

Telephone: (612) -221-2928NOT A FOIA DELETION 651-254-3391

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAR	RCH FACILITY (Attach addition	nal sheets if necessary or use APHIS Form 7023A 1	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, expeniments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0		1 4		4
5. Cats	Ö		Ō		()
6. Guinea Pigs	O		0		Ö
7. Hamsters	0		D		0
8. Rabbits	Ŏ		i T		17
9. Non-human Primate	0		0		0
10. Sheep	0		48		48
11. Pigs	0		11		71
12. Other Farm Animals	0		Ö		5
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- nriste suthority to

4)	The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of	if animal care and
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
SIGN		DATE SIGNED
APHIS		

41R-0003

SITE 001	STATUS Active	ADDRESS HealthPartners Research Foundation Regions Hospital Bldg #2 & #4 640 Jackson Street St. Paul, MN 55101 County: Ramsey	CONTACT PERSON
002	Active	Minneapolis Children's Med Ctr 2525 Chicago Avenue South Minneapolis, MN 55404 County: Hennepin	
003	Active	Midway Hospital 1700 University Ave St. Paul, MN 55104 County: Ramsey	
004	Active	Century College 3200 Century Ave White Bear Lake, MN 55110 County: Ramsey	
005	Active	Phillips Eye Institute 2211 Park Avenue South Minneapolis, MN 55404 County: Hennepin	

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 41-R-0006

FORM APPROVED

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include 7 in Code

41-R-0006, Cust ld 542

MAYO FOUNDATION

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

200 FIRST STREET, S.W. ROCHESTER, MN 55905

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teach, sheets if necessary) __ditional

FACILITY LOCATIONS (Siles)

- 1. Guggenheim Bldg. Rochester, MN
- 4. Medical Sciences Bldg. Rochester, MN
- Institute Hills Rochester, MN
 Alfred Bldg. Rochester, MN
- 5. Johnson Bldg. Scottsdale, AZ 6. Birdsall Bldg. - Jacksonville, F

REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which feaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affected to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	7	152	420	0	572
5. Cats	0	0	23	0	23
6. Guinea Pigs	0	165	400	0	565
7. Hamsters	0	42	165	0	207
8. Rabbits	0	376	329	0	705
9. Non-human Primates	0	0	114	0	114
10. Sheep	0	0	0	0	0
11. Pigs	0	98	1,196	0	1,294
12 Other Family Animals	9	11	0	0	11
Bovine	0	2	2	0	4
13. Other Animals					
Horses	0	2	0	0	2
Ferrets	0	130	11	0	141
CARCUPANOS STATSMENTO					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending vetermarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUA	RTES RESEARCH FACILITY OFFICIAL		
SIGNATURE OF			rpe or Print)	DATE SIGNED
				11/21/00

See reverse side for additional information.

Interagency Report Control No William 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 41-R-007

FORM APPROVED OMB NO 0579-0036

2. HEADOUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

41-R-0007, Cust ld 591

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

MINNEAPOLIS MEDICAL RESEARCH FOUND.,INC.

914 SOUTH EIGHT STREET 3RD AND 10TH FLOOR

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

MINNEAPOLIS, MN 55404

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, lesting, teaching, or c sheets if necessary)

Minneapolis Medical Research Foundation

EACH ITY LOCATIONS (Citos)

D-10 Surgical Facility

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	16	0	16
5. Cats	0	0	5	0	5
6. Guinea Pigs	0	0	40	0	40
7. Hamsters	0	0	0	0	0
8. Rabbits	6	1	75	0	76
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	. 0	118	0	118
11. Pigs	0	0	17	0	17
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Legrify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

10/3/00

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip C

41-R-0008, Cust ld 561

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

3-M LABORATORY ANIMAL RESEARCH SERVICES 3M CENTER / 270-2A-08 ST PAUL, MN 55144

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or concerning to the control of the contr sheets if necessary)

additional

FACILITY LOCATIONS (Sites)

3M Center/Bldg.270-2A-08

55144-1000 D 211 1 MM

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in feaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (COIS. C + D + E)
4. Dogs	49	24	0	0	24
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	142	0	0	142
7. Hamsters	0	0	0	00	0
8. Rabbits	0	89	0	0	89
9. Non-human Primates	16	11	5	0	16
10. Sheep	0	0	0	0	0
11. Pigs	0	18	21	0	39
12. Other Farm Animals	0	0	8	0	8
13. Other Animals					

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED L (Type or Print)

SIGNA

3203633202

ST JOHN 5 UNIVERSITY

1. REGISTRATION NO.

PAGE 82

See reverse side for

Interagency Report Control No 0180-DDA-AN

FORM APPROVED (

OMB NO. 0579-0036

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

additional information

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ال**انو**ية عربية إلى ب

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

41-R-0011, Cust id 560

ST. JOHN'S UNIVERSITY/COLLEGEVILLE P. O. BOX 3000 COLLEGEVILLE, MN 58321

2. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teach sheets if necessary)

ditional

		FAI	CILITY LOCATIONS (SILER)		
Peter Engel H	lall SUL				
College ville,	MN 56	321		ichysury of the Aphis Form 7023A)	
REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Affach adiditional sheets if no	CHASHIY OF THE ALHIZ LOUM 1053V)	
A. Animals Covered By The Animal Welfere Regulations	B Number of animals being bred, conditioned, or held for use in teaching, teating, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or leads were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of billinals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the onlimals and for which appropriate enesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate unesthetic, analgesic, or tranquitizing drugs would have adversely affected the procedures, results, or interpretation of the leaching, research, experiments, expending the tests. (As an experiments	TOTAL NO. DF ANIMALS (Cols. C + D + E)
4. Dogs					
5 Cats					
6 Guinea Pigs					
7. Hamsters	ļ				
8. Rabbits		6			6
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered atternatives to politful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In adultion to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary cure and to oversee the adequacy of other expects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)		
	pe or Printj	DATE SIGNED
		1 Dec 00

This report 3 required by law (7 USC 2143). Failure to report according to the regulations CSF

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

302

1. CERTIFICATE NUMBER: 41-R-0015 CUSTOMER NUMBER: 558

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Medtronic, Inc.

Physiological Research Laboratories

additional information

1385 115th Ave Nw Minneapolis, MN 55448

Telephone: (612) -754-6800

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

(see attached)

FACILITY LOCATIONS (Sites) - See Attached Listing

(see attached)

River Valley Farms, Inc.

Physiological Research Laboratories

REPORT OF ANIMALS USED BY OR LINDER CONTROL OF RESEARCH FACILITY / Attach additional sheets if necessary of use APHIS Form 7023A F. Number of animals E. Number of animals upon which teaching. B. Number of Number of A. animals upon upon which experiments, research, surgery or tests were animals being conducted involving accompanying pain or distress which teaching. experiments, twaching, brod. TOTAL NUMBER Animals Covered conditioned or research. research, surgery, or to the animals and for which the use of appropriate OF ANIMALS By The Animal experiments, or tests were conducted aneathetic, analgesic, or tranquilizing drugs would held for use in Welfare Regulations tests were involving have adversely affected the procedures, results, or teaching. (COLUMNS testing, conducted accompanying pain or interpretation of the teaching, research, experiments. C+D+E) involving no distress to the animals surgery, or tests. (An explanation of the procedures experiments. and for which pain, diatress, or research, or producing pain or distress in these animals and the surgery but not ye use of painappropriate anasthetic, a reasons such drugs were not used must be attached to rolleving drugs. 4. Dogs 272 42 0 272 0 5. Cats 0 0 6. Guinea Pigs 0 0 0 0 7. Hamsters 0 0 0 0 8. Rabbits 0 30 0 87 87 9, Non-human Primate 0 0 0 0 0 10. Sheep 9 0 101 101 0 11. Pigs 14 0 148 148 12. Other Farm Animals 0 0 Other Animals 0 0 0 0 0

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of aneatatic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, teating, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered atternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Uso Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals effected.
- 4) The attending velorinarian for this research feelity has appropriate authority to ensure the provision of adequate velorinary care and to oversee the adequacy of other especia of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED 11/29/00

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.

(AUG 91)



3

Medtronic Physiological Research Laboratories 1385 115th Ave. NW Minneapolis, MN 55448 USA

tel 763.514.6800 fax 763.757.3033

www.medtronic.com

Physiological Research Laboratories 1385 115th Avenue N.W. Coon Rapids, MN 55448

River Valley Farms, Inc. 750 Walnut St. Marine-On-St.Croix, MN 55047

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO.

FORM APPROVED

OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with HSDA include Zip Code)

41-R-0022, Cust ld 552

GUIDANT CORPORATION 4100 HAMLINE AVENUE NORTH ARDEN HILLS, MN 55112

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, sheets if necessary.)

FACILITY LOCATIONS (Sites)

ER LAKE Avinal Care AKE REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH Number of Number of animals upon which teaching, Number of Number of animals upon animals being animals upon experiments, research, surgery or tests were which experiments, conducted involving accompanying pain or distress **Animals Covered** bred. which leaching, teaching, research, to the animals and for which the use of appropriate conditioned, or By The Animal research, TOTAL NO surgery, or tests were held for use in experiments, or anesthetic, analgesic, or tranquilizing drugs would OF ANIMALS Welfare Regulations conducted involving teaching, testing, lests were have adversely affected the procedures, results, or accompanying pain or interpretation of the teaching, research, experiments. conducted distress to the animals research, or experiments, surgery, or tests. (An explanation of (Cols. C + D + E) involving no and for which appropriate surgery but not pain, distress, or the procedures producing pain or distress in these anesthetic, analgesic, or animals and the reasons such drugs were not used vet used for such use of paintranquilizing drugs were must be attached to this report). purposes. relieving drugs 34/6 Dogs Cats Guinea Pigs Hamsters Rabbits 9. Non-human Primates 10. Sheep 0 80 80 . 11. Pigs 12. Other Farm Animals 13. Other Animals **ASSURANCE STATEMENTS**

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)		
SIG		Print)	DATE SIGNED

See reverse side for additional information. Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

.

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

41-R-0028, Cust ld 590

MEDICAL INSTITUTE OF MINNESOTA 5503 GREEN VALLEY DRIVE **BLOOMINGTON, MN 55437**

additional

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, tea sheets if necessary.)

FACILITY LOCATIONS (Sites)

Medical Institute of Minnesota

B. Number of animals being bried, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
		198		128
		54		54
	9			9
	Ö			0
		8		8
	Ö			0
	U			0
	0			0
	0			0
	animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. Q Q O O O O O O O O O O O	animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes. animals being bred, conditioned, or held for use in teaching, lesting, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs. Animals being which teaching, research, surgery, or tests were conducted involving no pain, distress, or use of pain-relieving drugs. Animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which experiments, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which experiments, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which experiments, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which experiments, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which experiments, surgery, or tests were conducted involving accompanying pain or distress to the animals apont accompanying pain or distress. A A A A A A A A A A A A A A A A A A A	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. Animals upon which teaching, research, experiments, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures producing pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures producing pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures producing pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures producing pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures producing pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures producing pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures producing pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures producing pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures producing pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures producing pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures producing p

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinarian facility for the provision of adequate veterinarian facility facilities. annual care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

10/4/00

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

This report is required by law (7 USC 2143) Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. The state of th

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO.

41-R-0029

FORM APPROVED
OMB NO 0579-0036

2. HEADQUARTERS RESEARCH

Neonatal Research Cooperative

Children's Hospitals and Clinics
345 North Smith Ave

St. Paul, MN 55102

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS (Sites)

L-282A (address as above)

L-284 (address as above)

	ess as above runder control of		(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research,	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		ļ			
9. Non-human Primates					
10. Sheep					
11 Pigs (piglets)	0	0	15	0	15
12. Other Farm Animals		-			
13. Other Animals					
			-		
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, leaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of appropriate care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) Lecrity that the above is true, correct, and complete (7 U.S.C. Section 2143)		
SIC	unt)	11/05/00
		11, 30, 33

Faxed 12-13-00

additional information

Interagency Report Control No

This report is required by law (7 USC 2143). Failure to report according to the regulations

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0038 CUSTOMER NUMBER: 600

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

JAN 18 2001

Doane Pet Care Highwoods Plazati, Suite 280 210 Westwood Pl. South 103 Powell Ct. Brentwood, TN 37027

Telephone: (615) -309-1:107

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

Α.	B. Number of	C. Number of	D. Number of animals	E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs		10			10
5. Cats	;	20			2-0
6. Guinea Pigs					
7. Hamsters			1		
8. Rabbits					
9. Non-human Primate	· · · · · · · · · · · · · · · · · · ·				:
10. Sheep		. 1-1			!
11. Pigs			!		
12. Other Farm Animals			1		· · · · · · · · · · · · · · · · · · ·
13. Other Animals		.			
					<u> </u>

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

	 JARTERS RESEARCH FACILITY OFFICIAL egally Responsible Institutional Official)	
S	. (Type or Print	DATE SIGNED

This report is required by law (7 USC 2143) Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

2. HEADQUARTERS include Zip Code

41-R-0041, Cust ld 592

ANNUAL REPORT OF RESEARCH FACILITY 3 (TYPE OR PRINT)

. .

MINNESOTA DEPARTMENT OF HEALTH 717 DELAWARE STREET, SE P. O. BOX 9441 MINNEAPOLIS, MN 55440

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

As above

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquillzing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0				0
5. Cats	0				0
6. Guinea Pigs	0				0
7. Hamsters	0				0
8. Rabbits	0				0
9. Non-human Primates	0				0
10. Sheep	0				0
11. Pigs	0				0
12. Other Farm Animals	0				0
13. Other Animals	0				0

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and franquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE

1. REGISTRATION NO. 41-R-0042 FORM APPROVED OMB NO 0579-0036

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

OCT 2 0 2000

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

41-R-0042, Cust ld 550

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

RIDGEWATER COLLEGE VETERINARY TECHNOLOGY DEPT.

P. O. BOX 1097 WILLMAR, MN 56201

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teachin, sheets if necessary.)

tional.

FACILITY LOCATIONS (Sites)

Same as "2 Headquarters Research Facility

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMAL (Cols. C TO + E)
4. Dogs		9	13		22
5. Cats		18	13		31
6. Guinea Pigs		2			
7. Hamsters		9			
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					<u> </u>
12. Other Farm Animals					
13. Other Animals					
Iguana		2			
Gerbils		13			

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive O	HEADQUARTES RESEARCH FACILITY OFFICIAL fficer or Legally Responsible Institutional Official) above is true, correct, and complete (7 U S C Section 2143)		
Statution of the state of the s	Prin	0 /1.3 / C	; ;0

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150 additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

٠, ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

41-R-0043

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

41-R-0043, Cust Id 588

GUSTAVUS ADOLPHUS COLLEGE 800 W. COLLEGE AVENUE ST PETER, MN 56082

NOV - 7 2000

dditional

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teac. sheets if necessary.)

FACILITY LOCATIONS (Siles)

Nobel Animal Facility

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		,	6		6
9. Non-human Primates					
10. Sheep					
11. Pigs					ļ
12. Other Farm Animals					
13. Other Animals					
					<u> </u>

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

nt)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

				_
UNITED STATES DEI	PARTMENT OF AGR HEALTH INSPECTIO	ON SERVICE T	, 4	3.

1. REGISTRATION NO.
HI-R-0044

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT) 0CT 47

2: HEADQUARTERS RESEARCH FACILITY (Name and Address: as registered with USDA include Zip Code)
41-R-0044, Cust Id 587

EMBRO CORPORATION
2460 HIGHWAY 100 SOUTH
ST LOUIS PARK, MN 55416

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, t

FACILITY LOCATIONS (Sites)

Same as above

Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affached to this report).	F. TOTAL NO OF ANIMAL (Cols. C + D + E)
4. Dogs					NA
5. Cats					NIA
6. Guinea Pigs					NA
7. Hamsters					NA
3. Rabbits					NA
9. Non-human Primates					NA
10. Sheep					NA
11. Pigs					NA
12. Other Farm Animals					NA
13. Other Animals					NA

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and franquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFF	ICIAI
(Chief Executive Officer or Legally Responsible Institutional Office	al)

DATE SIGNED

APHIS FORM 7023

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150 additional information

Interagency	Report		
0180-DOA-A	N	\cap	M

UNITED STATES DEPARTMENT OF AGRICULTURE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

ANIMAL AND PLANT HEALTH INSPECTION SERVICE NOV

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

41-R-0045, Cust ld 548

UNIVERSITY OF ST. THOMAS 2115 SUMMIT AVENUE ST PAUL, MN 55105

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, to sheets if necessary)

additional

FACILITY LOCATIONS (Sites)

Owens 382

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompunying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates		,			
10. Sheep					ļ
11. Pigs		· · · · · · · · · · · · · · · · · · ·			
12. Other Farm Animals					
13. Other Animals					
Gerbils	48	150			198

ASSURANCE STATEMENTS

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIA	I.
(Chief Executive Officer or Legally Responsible Institutional Official)	

Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF C.S.O. OR INSTITUTIONAL OFFICIAL A

DATE SIGNED

10.31.00

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

DEC 7 2000

1. REGISTRATION NO. FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Co 41-R-0047, Cust Id 775

ST. OLAF COLLEGE 1520 ST. OLAF AVENUE NORTHFIELD, MN 55057

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c

FACILITY LOCATIONS (Siles)

Biology Dept.-Science Center

Psychology Dept.-Holland Hall

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMAL: (Cols. C + D + E)
4. Dogs	2				
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		<u></u>	15		15
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals				•	
13. Other Animals					
Lab Rats	7				7
Pigeons	13				13

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

Legitify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

DATE SIGNED

interda

This report is required by law (7 USC 2143) Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150 additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO. 0579-0036

h USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

نر د د

2. HEADQUARTE 41-R-0049, Cust Id 794 include Zip Co

MOORHEAD STATE UNIVERSITY **

MON - 6 2000

MOORHEAD, MN 56563

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

Biology Department, King Hall

**Please note name change to Minnesota

Psychology Department, Bridges Hall

State University Moorhead

REPORT OF ANIMALS USED BY O			(Altach adiditional sheets if ne	cessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (COIS. C + D + E)
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits					0
9. Non-human Primates					0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals					0
13. Other Animals					0

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, leaching, and

See reverse side for additional information

3180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c)

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USIA) include Zip Code

41-R-0050 Cust ld 797

ADVANCED BIOSURFACES 5909 BAKER ROAD SUITE 550

MINNETONKA, MN 55345

FACILITY LOCATIONS (Siles)

1) Advanced Bio-Surfaces, Inc.

sheets if necessary)

2) Eattlebrook Farms

5909 Baker Rd, #550, Minnetonka, MN55345

30045 136th St, Princeton, MN55371

A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, feaching, research, surgery, or fests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or franquilizing drugs were used.	E. Number of animals upon which feaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTH, WO DF ANNMALS (COIL C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep	27	8			88
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered atternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of annual care and use

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY ()FFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
SIGNAT		 DATE SIGNED
		1/3/00
APHIS		

147 F 42 F 1 177

This report is required by law (7 USC 2143). Failure to report according to the regulations can

additional information

M APPROVED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 41-R-00 CUSTOMER NUMBER: 805

MB NO. 0579-0036

Interagency Report Control No.

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

lotek, Inc. 1069 10th Avenue Se Minneapolis, MN 55414

DEC 21 2000

Telephone: (999) -999-9999

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or heid for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	. 0		15		15
5. Cats	0		0		0
6. Guinea Pigs	0		0		0
7. Hamsters	0		0		
8. Rabbits			5		<u> </u>
9. Non-human Primate	0		0		0
10. Sheep	0		j		
11. Pigs	0				
2. Other Farm Animals	0		0		0
3. Other Animals	0		0		0

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	-	
SIGNATURE OF		- (Type or Print	DATE SIGNED
APHIS FORM 702 (AUG 91)			<i>i</i>

This report is required by law (7 USC 2143) Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

٠٠٠ هـ ١

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

2000

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTEPS DECEMBED EACH ITY Mama and Add include Zip Co 41-R-0052, Cust Id 1633

USDA USDA

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

INSIGHT BIOMED INC. 710 E. 24TH ST. SUITE L30 MINNEAPOLIS, MN 55404

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or neig for tinese, purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

VA MEDICAL CENTER, BLDG. 49, MINNEAPOLIS, MN

REPORT OF ANIMALS LISED BY O	R LINDER CONTROL OF	E RESEARCH FACILITY	/ (Attach adulitional sheets if no	cessary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research,	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			517		
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered atternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Located that the about is true assent and a material at a contract of

Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

9.3/00

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

0 -30 2000 12:11

USDA APHIS AC

This report is required by lew (7 USC 2143). Failure to report according to the regulations

919 716 5696

P.03/07 Occ

additional information

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

CUSTOMER NUMBER: 1657

1. CERTIFICATE NUMBER: 41-R-0055

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Parker Hughes Institute 2720 Patton Road Roseville, MN 55113

Telephone: [651] 604-9064

1. REPORTING FACILITY (List all locations where animals were housed or used in actual repearch, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Parker Hughes Institute Pre-Clinical Laboratory

FACILITY LOCATIONS (Siles) - See Alached Libiling

Minneapolis Veterans Administration [leased space]

0 0 0	0	0	0	0
		0	1	
	0			0
0	1	0	0	0
1	0	0	0	0
0	312	55	0	367
6	0	6	0	6
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
- · - ·				

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animets, including appropriate use of anestedd, analgesic, and tranquilizing drugs, prior to, during, and following actual research, leaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This factily is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Ankmal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summery includes a brief explanation of the exceptions, as well as the species and number of enimals affected.
- 4) The attending votednation for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequatey of other aspects of enimal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

> DATE SIGNED 11/7/00

USDA APHIS AC

Customer ID and Site Address:

Costomer in and one videress.

ID: 1657 Parker Hughes Institute
2720 Patton Road
Roseville, MN 55113

Institute
Telephone
(651)604-9064

County: Ramsey

Minneapolis Veterans Administration [leased space] Veterinary Medical Unit [151] One Veterans Drive, Building 49 Minneapolis, MN 55417 ્રકે

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

FORM APPROVED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

41-R-0057, Cust ld 1703

EXCORP MEDICAL, INC. 7200 HUDSON BLVD. SUITE 235 OAKDALE, MN 55042

ach additional

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

 REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing sheets it necessary.)

EXCURP MEDICAL, OAKDALE, MN

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	0				
5. Cats	0				
6. Guinea Pigs	0				
7. Hamsters	0				
8. Rabbits	0				
9. Non-human Primates	0				
10. Sheep	0		1-		
11. Pigs	0		10		10
12. Other Farm Animals	0				
13. Other Animals	0				
					<u> </u>

FACILITY LOCATIONS (Sites)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL	I.
(Chief Executive Officer or Legally Responsible Institutional Official)	
Learthy that the above is true correct, and complete (7.11.5.6. Control 21.42)	

I certify that the above is true, correct, and complete (7 U.S.C. Section 214)

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 41-R-0058 FORM APPROVED OMB NO 0579-0036

2. HEADQUARTEDS DESEABLE FACILITY (Name and Address as registered with USDA)

include Zip (41-R-0058, Cust ld 1704

RIVER VALLEY FARMS, INC. 750 WALNUT STREET P.O.BOX 40

All redactions on this page are pursuant to (b)(6) & (b)(7)(c)

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

MARINE ON ST CROIX, MN 55047

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, leacining, or experimentation, or need for me sheets if necessary.) FACILITY LOCATIONS (Siles)

River Valley Forms, Inc. 803 Prospect Avenue Osceola, WI 54020 River Valley Farms, Ing 750 Walnut Street Marine on St. Croix, MN 55047 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) Number of animals upon which teaching, B. Number of C Number of D. Number of animals upon experiments, research, surgery or tests were animals being animals upon which experiments, conducted involving accompanying pain or distress bred. which teaching, Animals Covered teaching, research, to the animals and for which the use of appropriate conditioned, or By The Animal research, TOTAL NO surgery, or tests were conducted involving anesthetic, analgesic, or tranquilizing drugs would held for use in OF ANIMALS Welfare Regulations experiments, or have adversely affected the procedures, results, or interpretation of the teaching, research, teaching, testing, tests were accompanying pain or experiments. conducted distress to the animals (Cols. C + D + E) research, or experiments, surgery, or tests. (An explanation of involving no and for which appropriate the procedures producing pain or distress in these surgery but not pain, distress, or anesthetic, analgesic, or animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were must be attached to this report). purposes relieving drugs 5 5 4. Dogs Cats Guinea Pigs Hamsters Rabbits Non-human Primates 26 26 10. Sheep 215 215 11. Pigs 12. Other Farm Animals 13. Other Animals

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2). Each principal investigator has considered alternatives to painful procedures
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) Legally that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

41-R-0059

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip C 41-R-0059, Cust ld 1725

BECKMAN INSTRUMENTS, INC. 1000 LAKE HAZELTINE DR **CHASKA, MN 55318**

a additional

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, to

FACILITY LOCATIONS (Sites)

8101 Co. Road #15

Maple Plain, MN 55359

Maple Plain, M		RESEARCH FACILITY	/ (Attach adiditional sheets if pe	cessary or use APHIS FORM 7023A) '	
A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, averaged is surgery or lests. (Ap. application of	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep		11			11
11. Pigs					
12. Other Farm Animals	0K	-1-OK	NOT A FOIA DEL	ETION	+7
-Burro	3 90-	- 9 Har	NOT A FOIA DEL	ETION	-gqa-
13. Other Animals					
Goats	11	34			34
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICE	ΑI
(Chief Executive Officer or Legally Responsible Institutional Official)	

Learnity that the above is true, correct, and complete (7 U.S.C. Section 2143)

All redactions on this pa						ant Constant No.
This report is required by law (result in an order to cease and	7 USC 2143) Failure to desist and to be subject	report according to the to penalties as provide	e regulations can ded for in Section 2150.	See reverse side for additional information.	Interagency Repo 0180-DOA-AN	SH COMPONIO
UNITED STAT	TES DEPARTMENT OF A PLANT HEALTH INSPEC	GRICULTURE	1. REGISTRATIO	41-R-0060	FORM APP OMB NO 0	579.0030
			2. HEADQUAF include Zip	41-R-0060, Cust ld 1816	ddraee ae ranistaran	with USDA
ANNUAL REPOR	RT OF RESEAR	CH FACILITY			25	
(T)	(PE OR PRINT)	NOT A FOIA DI	ELETION	CARLETON COLLEGE 588 SIMONE OCURT DEPT DE NORTHFIELD, MN 55057	PSYCHOLOGY	
3. REPORTING FACILITY (List all sheets if necessary.)	locations where animals	were housed or used	in actual research, testing, te	aching, or experimentation, or neid for tr	nese purposes. Aud	ch additional
		FA	CILITY LOCATIONS (Siles)		<u> </u>	
Hulings Hall,	Room 19					
Hulings Hall,	Room 21		Ì			
REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	f (Attach adiditional sheets if	necessary or use APHIS FORM 7023A.)	•	
A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropria anesthetic, analgesic, or tranquifizing drugs were used.	conducted involving accompany to the animals and for which the anesthetic, analgesic, or tranquil have adversely affected the procinterpretation of the teaching, reexperiments, surgery, or tests. (In the procedures producing pain of animals and the reasons such differences such	ir tests were ing pain or distress use of appropriate using drugs would redures, results, or search, An explanation of or distress in these	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs						
5. Cats						
6. Guinea Pigs						
7. Hamsters						
8. Rabbits						
9. Non-human Primates	0	12	0	0		12
10. Sheep					······	
11. Pigs						
12. Other Farm Animals						
13. Other Animals						
ACCURANCE STATEMENTS						
ASSURANCE STATEMENTS 1) Professionally acceptable s	tandards governing the	care, treatment, and u	ise of animals, including appr	oriate use of anesthetic, analgesic, and t	ranguitizing drugs n	rior to, during
			ion were followed by this rese		. 5	

- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESE (Chief Executive Officer or Legally Respon I certily that the above is true, correct, and comp	sible Institutional Official)	
		TE SIGNED
	i t	/24/00